

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 04-308791

(43)Date of publication of application : 30.10.1992

(51)Int.Cl.

B41M 5/26  
G11B 7/24

(21)Application number : 03-073321

(71)Applicant : MITSUBISHI KASEI CORP

(22)Date of filing : 05.04.1991

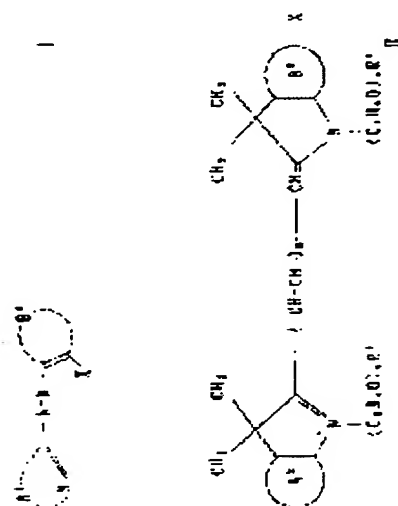
(72)Inventor : MAEDA SHUICHI  
MITSUHASHI KAZUO  
MURAYAMA TETSUO  
TSUKAHARA TAKAKO

## (54) OPTICAL RECORDING MEDIUM

### (57)Abstract:

**PURPOSE:** To enhance solubility and prevent a crystallization of a coating film by a method wherein in an optical recording body obtained by applying a solution prepared by dissolving laser absorbing dyes in an organic solvent on a transparent substrate, at least three kinds of substitution derivatives of the same chromogen are used as the laser absorbing dyes.

**CONSTITUTION:** As laser absorbing dyes, at least three kinds of substitution derivatives of the same chromogen are used. The chromogen includes a cyanine dye, a metal chelate compound, an azo dye, a triaryl methane dye, and a phthalocyanine dye. At this time, a difference between maximum absorption wavelengths of the laser absorbing dyes is determined to be within 50nm. The laser absorbing dyes have the same dye skeleton but have substituents at different positions or by the different number. Furthermore, the laser absorbing dyes are selected out of a chelate compound made of an azo compound shown by a right general formula I and a metal, or a cyanine compound shown by a general formula II.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]